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AND METHOD
First Named Inventor: Harlan Jacobs
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Electronic Version v1.1
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|---|---|--|--|-----------------------|---|---------------|----------|
| Title of Invention | BATTERY-OPERATED WIRELESS-COMMUNICATION APPARATUS AND METHOD | | | | | | |
| <div style="float: right; text-align: right;">RECEIVED MAY 20 2003 GROUP 1700</div> <p>Application Number: 09/815884 Date: 2001-03-23 First Named Applicant: Harlan Jacobs Confirmation Number: 7390 Attorney Docket Number: 1327.011US1</p> <p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%; text-align: center;">Submitted by:</td><td style="width: 20%; text-align: center;">Elec. Sign.</td><td style="width: 30%; text-align: center;">Sign. Capacity</td></tr><tr><td>Janal M. Kalis Registered Number: 37,650</td><td>/janal kalis/</td><td>Attorney</td></tr></table> | | Submitted by: | Elec. Sign. | Sign. Capacity | Janal M. Kalis Registered Number: 37,650 | /janal kalis/ | Attorney |
| Submitted by: | Elec. Sign. | Sign. Capacity | | | | | |
| Janal M. Kalis Registered Number: 37,650 | /janal kalis/ | Attorney | | | | | |
| <table style="width: 100%;"><tr><td style="width: 50%; vertical-align: top;">Documents being submitted us-ids</td><td style="width: 50%; vertical-align: top;">Files 1327.011US1-usidst.xml us-ids.dtd us-ids.xsl</td></tr></table> | | Documents being submitted us-ids | Files 1327.011US1-usidst.xml us-ids.dtd us-ids.xsl | | | | |
| Documents being submitted us-ids | Files 1327.011US1-usidst.xml us-ids.dtd us-ids.xsl | | | | | | |
| Comments | | | | | | | |



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

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| Title of Invention | BATTERY-OPERATED WIRELESS-COMMUNICATION APPARATUS AND METHOD | | | | | | |
|---|---|------------|------------|----------------------------|------|-------|----------|
| Application Number: | 09/815884 | | | | | | |
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| First Named Applicant: | Harlan Jacobs | | | | | | |
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| Art Unit: | 1745 | | | | | | |
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| US Patent Documents | | | | | | | |
| Note: Applicant is not required to submit a paper copy of cited US Patent Documents | | | | | | | |
| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
| | 1 | 4353160 | 1980-11-24 | Armini, Anthony J., et al. | | 29 | 572 |
| | 2 | 4440108 | 1982-09-24 | Little, Roger G., et al. | | 118 | 719 |
| | 3 | 4520039 | 1982-09-23 | Ovshinsky, Stanford R. | | 427 | 35 |
| | 4 | 4633129 | 1985-04-30 | Cuomo, Jerome J., et al. | | 313 | 153 |
| | 5 | 4684848 | 1985-10-15 | Kaufman, Harold R., et al. | | 315 | 111.81 |
| | 6 | 4862032 | 1986-10-20 | Kaufman, Harold R., et al. | | 313 | 359.1 |
| | 7 | 5017550 | 1988-03-30 | Shioya, Jun , et al. | | 505 | 1 |

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| | | | | | | |
|--|----|---------|------------|--------------------------------|-----|--------|
| | 8 | 5022930 | 1989-06-20 | Ackerman, Bruce , et al. | 136 | 251 |
| | 9 | 5064520 | 1990-02-14 | Miyake, Kiyoshi , et al. | 204 | 192.11 |
| | 10 | 5089104 | 1990-12-03 | Kanda, Naoya , et al. | 204 | 192.11 |
| | 11 | 5098737 | 1990-05-09 | Collins, Carl B., et al. | 427 | 53.1 |
| | 12 | 5115378 | 1991-02-11 | Tsuchiya, Yoshinobu , et al. | 361 | 502 |
| | 13 | 5261968 | 1992-01-13 | Jordan, John F. | 136 | 244 |
| | 14 | 5273837 | 1992-12-23 | Aitken, Bruce G., et al. | 249 | 30 |
| | 15 | 5296122 | 1992-02-18 | Katsube, Teruaki , et al. | 204 | 298.04 |
| | 16 | 5314765 | 1993-10-14 | Bates, John B. | 429 | 194 |
| | 17 | 5348703 | 1991-10-11 | Bishop, A;an W., et al. | 420 | 590 |
| | 18 | 5393572 | 1994-07-11 | Dearnaley, Geoffrey | 427 | 523 |
| | 19 | 5455126 | 1994-05-25 | Bates, John B., et al. | 429 | 127 |
| | 20 | 5482611 | 1993-10-08 | Helmer, , et al. | 204 | 298.17 |
| | 21 | 5501175 | 1994-07-01 | Tanaka, So , et al. | 117 | 108 |
| | 22 | 5501924 | 1995-06-07 | Swierbut, Wendi M., et al. | 429 | 224 |
| | 23 | 5512147 | 1994-05-25 | Bates, John B., et al. | 204 | 192.15 |
| | 24 | 5528222 | 1994-09-09 | Moskowitz, Paul A., et al. | 340 | 572 |
| | 25 | 5529671 | 1994-07-27 | Debley, William P., et al. | 204 | 192.34 |
| | 26 | 5536333 | 1995-08-15 | Foote, James B., et al. | 136 | 260 |
| | 27 | 5561004 | 1994-02-25 | Bates, John B., et al. | 429 | 162 |
| | 28 | 5567210 | 1994-07-12 | Bates, John B., et al. | 29 | 623.5 |
| | 29 | 5569520 | 1995-06-07 | Bates, John B. | 429 | 162 |
| | 30 | 5569564 | 1995-06-07 | Swierbut, Wendi M., et al. | 424 | 224 |
| | 31 | 5585999 | 1994-09-30 | De Long, Hugh C., et al. | 361 | 505 |
| | 32 | 5593551 | 1995-02-28 | Lai, Kwok F. | 204 | 192.12 |
| | 33 | 5597660 | 1994-05-25 | Bates, John B., et al. | 429 | 191 |
| | 34 | 5599644 | 1995-06-07 | Swierbut, Wendi M., et al. | 429 | 224 |
| | 35 | 5601652 | 1989-08-03 | Mullin, Richard S., et al. | 118 | 723 EB |
| | 36 | 5612152 | 1996-04-17 | Bates, John B., et al. | 429 | 152 |
| | 37 | 5654084 | 1994-07-22 | Egert, Charles M. | 428 | 215 |
| | 38 | 5705293 | 1997-01-09 | Hobson, David O. | 429 | 162 |
| | 39 | 5830331 | 1994-09-23 | Kim, Taesun E., et al. | 204 | 192.15 |
| | 40 | 5863337 | 1995-06-05 | Neuman, George A., et al. | 118 | 718 |
| | 41 | 5868914 | 1996-04-12 | Landsbergen, Jeroen F., et al. | 204 | 298.06 |
| | 42 | 5935727 | 1997-04-10 | Chiao, Yi-HUng | 429 | 32 |
| | 43 | 5981107 | 1997-12-15 | Hamano, Kouji , et al. | 429 | 231.95 |
| | 44 | 5995006 | 1996-01-15 | Walsh, Brian J. | 340 | 572.7 |

| | | | | | | |
|--|----|---------|------------|------------------------------|-----|--------|
| | 45 | 6002208 | 1998-07-02 | Maishev, Yuri , et al. | 315 | 111.9 |
| | 46 | 6033471 | 1997-01-21 | Nakanishi, Hidefumi , et al. | 117 | 108 |
| | 47 | 6037717 | 1999-01-04 | Maishev, Yuri , et al. | 315 | 111.91 |
| | 48 | 6042687 | 1997-06-30 | Singh, Vikram , et al. | 156 | 345 |
| | 49 | 6059847 | 1996-07-26 | Farahmandi, C. J., et al. | 29 | 25.03 |
| | 50 | 6103412 | 1998-05-12 | Hirano, Shinichi , et al. | 429 | 24 |
| | 51 | 6110620 | 1997-09-30 | Singh, Deepika , et al. | 429 | 223 |
| | 52 | 6130507 | 1998-09-28 | Maishev, Yuri , et al. | 315 | 111.81 |
| | 53 | 6133159 | 1998-08-27 | Vaartstra, B. A., et al. | 438 | 758 |
| | 54 | 6136165 | 1997-11-26 | Moslehi, Mehrdad M. | 204 | 298.06 |
| | 55 | 6139964 | 1995-06-06 | Sathrum, Paul E., et al. | 428 | 408 |
| | 56 | 6147354 | 1998-07-02 | Maishev, Yuri , et al. | 250 | 423 R |
| | 57 | 6153067 | 1998-12-30 | Maishev, Yuri , et al. | 204 | 298.04 |
| | 58 | 6181545 | 1998-09-24 | Amatucci, Glenn G., et al. | 361 | 502 |
| | 59 | 6264709 | 2001-07-24 | Yoon, Young S., et al. | 29 | 623.5 |

Signature

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| Examiner Name | Date |
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